JC03 Rec'd PCT/PTO 18 MAR 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007, OMB 0551-0021
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TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER 0321.68334

CONCERNING A SUBMISSION UNDER	U.S. APPLICATION NO RY 1200 SEP 37 C.P. 1.5)					
PCT/US2003/031600 October 6,	IONAL FILING DATE 2003	PRIORITY DATE CLAIMED October 5, 2002				
TITLE OF INVENTION SYNTHESIS AND USE OF INORGANIC POLYMER SENSOR FOR DETECTING NITROAROMATIC COMPOUNDS						
APPLICANT(S) FOR DO/EO/US Michael J. Sailor, William C. Trogler, Honglae Sohn, Sarah J. Toal						
Applicant herewith submits to the United States Designated	/Elected Office (DO/EC	O/US) the following items and other information:				
1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.						
2. This is a SECOND or SUBSEQUENT submission of item	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.					
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. The US has been elected (Article 31).	The US has been elected (Article 31).					
5. A copy of the International Application as filed (35 U.S	A copy of the International Application as filed (35 U.S.C. 371(c)(2))					
a. s attached hereto (required only if not comm	a. si attached hereto (required only if not communicated by the International Bureau).					
b. as been communicated by the International	b. has been communicated by the International Bureau.					
c. Li is not required, as the application was filed in	c. is not required, as the application was filed in the United States Receiving Office (RO/US).					
6. An English language translation of the International Ap	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).					
a. Lis attached hereto.	a. is attached hereto.					
7 Vitaliana to the dains of the international Applica	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
a. are attached hereto (required only if not cor	a. ure attached hereto (required only if not communicated by the International Bureau).					
<u> </u>	b. have been communicated by the International Bureau.					
 7						
o. — These not been made and will not be made.	d. 📶 have not been made and will not be made.					
8. An English language translation of the amendments to	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9. An oath or declaration of the inventor(s) (35 U.S.C. 37	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (informal)					
An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).						
Items 11 to 20 below concern document(s) or information included:						
11 An Information Disclosure Statement under 37 CFR 1.9	97 and 1.98.	·				
An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
13. A preliminary amendment.	A preliminary amendment.					
14. An Application Data Sheet under 37 CFR 1.76.	An Application Data Sheet under 37 CFR 1.76.					
A substitute specification.						
16. A power of attorney and/or change of address letter.	A power of attorney and/or change of address letter.					
17. A computer-readable form of the sequence listing in ac	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.					
A second copy of the published International Application under 35 U.S.C. 154(d)(4).						
	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).					
Other items or information: 13 sheets formal drawings s collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the						

USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and including gathering information, preparing, and submitting the completed form to the US of time you require to complete this form and/or suggestions for reducing this burden,:

Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEN

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

Date

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U.S. APPLICATI	I.S. APPLICATION NO. (if known, see 37 CER 1.5) INTERNATIONAL APPLICATION NO. PCT/US2003/031600		ATTORNEY'S DOCKET NUMBER 0321.68334			
The follo	The following fees have been submitted		CALCULATIONS	PTO USE ONLY		
21. A Basic national fee\$300		\$ 300.00				
22. Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)			\$ 200.00			
23. Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority			\$ 100.00			
1	OTAL OF 21, 22	2 and 23 =			\$ 600.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			xcluding			
Total Sheets	Extra Sheets		Number of each additional 50 or fraction RATE thereof (round up to a whole number)			
- 100 =	/50 =			× \$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).			rom the earliest	\$		
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$	
Total claims	35	- 20 =	15	× \$ 50	\$ 750.00	
Independent claim	s 6	- 3 =	3	× \$200	\$ 600.00	
MULTIPLE DEPE	NDENT CLAIM(S	(if applicable)		+ \$360	\$	
			TOTAL OF ABOVE	CALCULATIONS =	\$ 1950.00	
Applicant clair	ns small entity st	atus. See 37 CFR	1.27. Fees above are reduc	ed by 1/2.		
				SUBTOTAL =	\$ 975.00	
	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			\$		
			TOTAL	. NATIONAL FEE =	\$ 975.00	
	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$		
			TOTAL F	EES ENCLOSED =	\$ 975.00	
			Amount to be refunded:	\$		
					Amount to be charged:	\$
a. A check in the amount of \$ 975.00 to cover the above fees is enclosed.						
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-2067 A duplicate copy of this sheet is enclosed.						
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRESPONDENCE TO:			11/2			
GREER, BURNS & CRAIN, LTD. SIGNATURE						
300 South Wacker Drive, Suite 2500 Steven P. F		allon				
Chicago, Illinois 60606 NAME						
(312) 360-0080 35,132						
Customer No. 24978 REGISTRATIO			ON NUMBER			

0321.68334

PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE JC17 Rec'd PCT/PTO

Applicant:	Michael J. Sailor	I hereby certify that this paper is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: MS PATENT APPLICATION,
Serial No.:		COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.
Conf. No.:		3/18/2005 <u>Dail Canan</u>
Filed:		Date Express Mail No. EL965134350US
For:	SYNTHESIS AND USE OF INORGANIC POLYMER SENSOR FOR DETECTING NITROAROMATIC COMPOUNDS)))
Art Unit:)
Examiner:		
	DRAWING TRANSMITTAL LET	TFR
Mail Stop PGPU Commissioner fo P.O. Box 1450 Alexandria, VA 2	B Drawings or Patents	TEX.
Dear Sir:		
Enclosed herewit	th please find:	
	eets of redlined drawing(s) which indicate proposed change oposed changes, formal drawing(s) will be submitted.	es to the drawing(s). Upon approval of these
wl	eets of corrected formal drawing(s), as required by the Noticial accompanied the Office Action datediginally filed sheets.	
an	eets of corrected formal drawing(s), as required by the Noti d approved in the Notice of Allowability datedi iginally filed sheets.	
	eets of formal drawing(s). Please substitute these form iginally filed.	nal drawing(s) for the informal drawing(s)
(X) <u>13</u> sh	neets of formal drawings.	
Examiner's appro	oval of the entry of these drawings is respectfully request	ed. No new matter has been added.
	Respectfully submit	ted,
	GREER, BURNS &	CRAIN, LTD.
	By Steven P. I	Fallon

Registration No. 35,132

March 18, 2005 300 South Wacker Drive, Suite 2500 Chicago, Illinois 60606 (312) 360-0080 Customer No. 24978